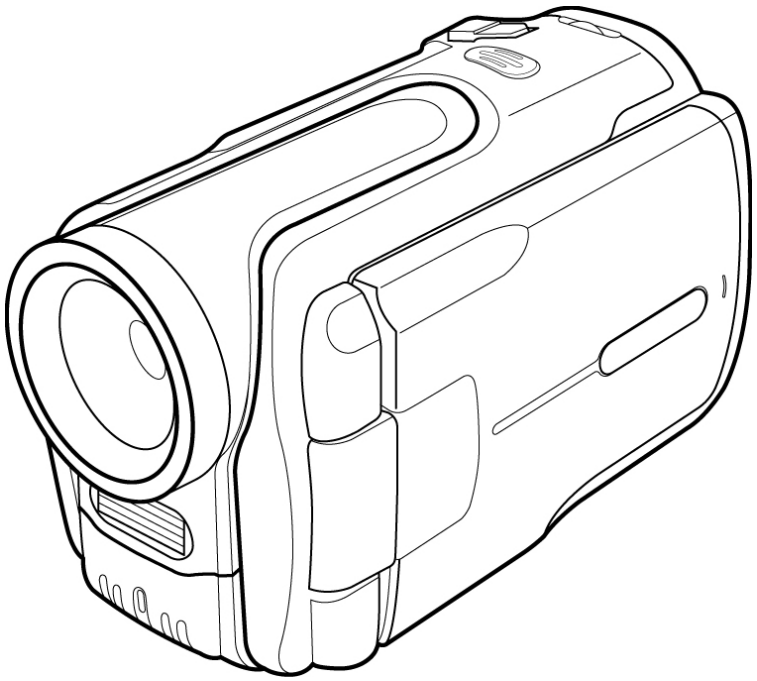
English

DIGITAL VIDEO CAMERA

G-Shot DV815z

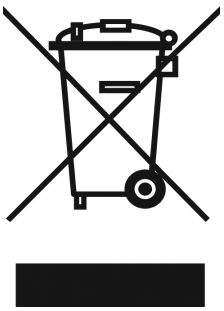


User's Manual

WEEE Warning Message

Symbol for Separate Collection in European Countries

This symbol indicates that this product is to be collected separately.



The following apply only to users in European countries:

- This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.
- For more information, contact the retailer or the local authorities in charge of waste management.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1). This device may not cause harmful interference, and

(2). This device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules. Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Product Information

1. Product design and specifications are subject to change without notice. This includes primary product specifications, software, software drivers, and user's manual. This User Manual is a general reference guide for the product.
2. The product and accessories that come with your camera may be different from those described in this manual. This is due to the fact that different retailers often specify slightly different product inclusions and accessories to suit their market requirements, customer demographics, and geographical preferences.
   Products very often vary between retailers especially with accessories such as batteries, chargers, AC adapters, memory cards, cables, carrying cases/pouches, and language support. Occasionally a retailer will specify a unique product color, appearance, and internal memory capacity. Contact your dealer for precise product definition and included

accessories.

3. The illustrations in this manual are for the purpose of explanation and may differ from the actual design of your camera.
4. The manufacturer assumes no liability for any errors or discrepancies in this user manual.
5. For driver updates, you can check the "Download" section of our website, www.geniusnet.com

SAFETY INSTRUCTIONS

Read and understand all ***Warnings*** and ***Cautions*** before using this product.

Warnings

- **If foreign objects or water have entered the camera, turn the power OFF and remove the battery.**
  Continued use in this state might cause fire or electric shock. Consult the store of purchase.

- **If the camera has fallen or its case has been damaged, turn the power OFF and remove the battery.**
  Continued use in this state might cause fire or electric shock. Consult the store of purchase.

- **Do not disassemble, change or repair the camera.**
  This might cause fire or electric shock. For repair or internal inspection, ask retailer where you purchased it.

- **Do not use the camera in areas near water.**
  This might cause fire or electric shock. Take special care during rain, snow, on the beach, or near the shore.

- **Do not place the camera on inclined or unstable surfaces.**
  This might cause the camera to fall or tilt over, causing injury.

- **Keep the batteries out of the reach of children.**
  Swallowing batteries might cause poisoning. If the battery is accidentally swallowed, immediately consult a physician.

- **Do not use the camera while you are walking, driving or riding a motorcycle.**
  This might cause you to fall over or result in a traffic accident.

Cautions

- **Insert the batteries paying careful attention to the polarity (+ or –) of the terminals.**
  Inserting the batteries with its polarities inverted might cause fire and injury, or damage to the surrounding areas due to the battery rupturing or leaking.
- **Do not fire the flash close to anyone's eyes.**
  This might cause damage to the person's eyesight.
- **Do not subject the LCD monitor to impact.**
  This might damage the glass on the screen or cause the internal fluid to leak. If the internal fluid enters your eyes or comes into contact with your body or clothes, rinse with fresh water.
  If the internal fluid has entered your eyes, consult a physician to receive treatment.
- **A camera is a precision instrument. Do not drop it, strike it or use excessive force when handling the camera.**
  This might cause damage to the camera.

- **Do not use the camera in humid, steamy, smoky, or dusty places.**
  This might cause fire or electric shock.
- **Do not remove the battery immediately after long period of continuous use.**
  The battery becomes hot during use. Touching a hot battery might cause burns.
- **Do not wrap the camera or place it in cloth or blankets.**
  This might cause heat to build up and deform the case,

resulting in fire. Use the camera in a well-ventilated place.

- **Do not leave the camera in places where the temperature may rise significantly, such as inside a car.** This might adversely affect the case or the parts inside, resulting in fire.

- **Before you move the camera, disconnect cords and cables.** Failure to do this might damage cords and cables, resulting in fire and electric shock.

Notes on Battery Usage

When you use the battery, carefully read and strictly observe the ***Safety Instructions*** and the notes described below:

- Use only the specified battery.
- Avoid using the battery in extremely cold environments as low temperatures can shorten the battery life and reduce camera performance.
- When you are using the new rechargeable battery or rechargeable battery that has not been used for an extended period of time (the battery that passed the expiry date is an exception) might affect the number of images that can be captured. Therefore, to maximize its performance and lifetime, we recommend that you fully charge the battery and discharge it for at least one complete cycle before use.
- The battery may feel warm after long period of continuous use of the camera or the flash. This is normal and not a malfunction.
- The camera may feel warm after long period of continuous use. This is normal and not a malfunction.
- If the battery is not to be used for a long period of time, remove it from the camera to prevent leakage or corrosion.
- If the battery is not to be used for a long period of time, store it after no battery power left. If the battery is stored for a long time in a fully

charged state, its performance may be impaired.

- Always keep the battery terminals in a clean state.
- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.
- We recommend the battery should be charged 8 hours for first time use.

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1 Introducing the camera

Read this section to learn about the features and functions of the video camera. This chapter also covers system requirements, package contents, and descriptions of the hardware components.

1.1 System requirements

The video camera requires a host PC with the following specifications:

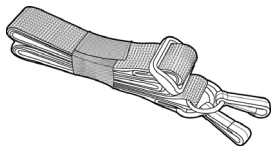
- Windows® XP, 2000, ME, 98SE operating system
- Intel® Pentium III 500MHz CPU or higher
- At least 256 MB of RAM or higher
- Standard USB 1.1 port or higher
- 4x speed CD-ROM drive or higher
- At least 200MB of available disk space

Note: A USB 1.1 port will enable you to transfer files to and from your host PC, but transfer speed will be much faster with a USB 2.0 port.

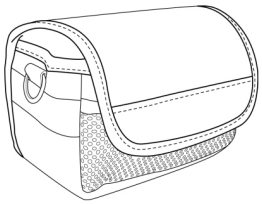
1.2 Unpacking the video camera

All the following items should be present in the camera package. If any item is missing or appears damaged, contact your dealer immediately.

Digital Video camera



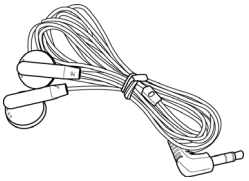
Shoulder strap



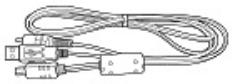
Leather case and

Lens cap strap

Lens cap

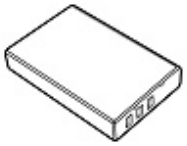


Headphones



USB/Video cable

Audio cable



Li-ion battery

Battery charger

Power cord

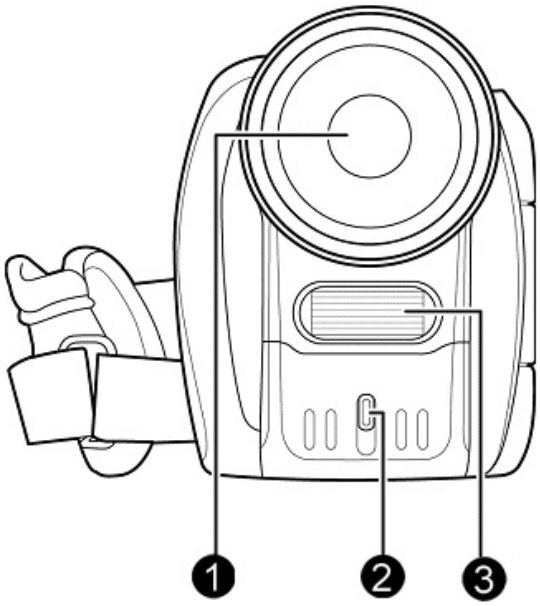
Quick Guide

CD-ROM
(Driver and
application software)

1.3 About the camera

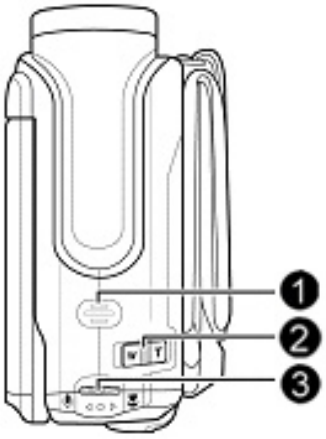
Refer to the following illustrations to familiarize yourself with the buttons and controls of the camera.

1.3.1 Front view



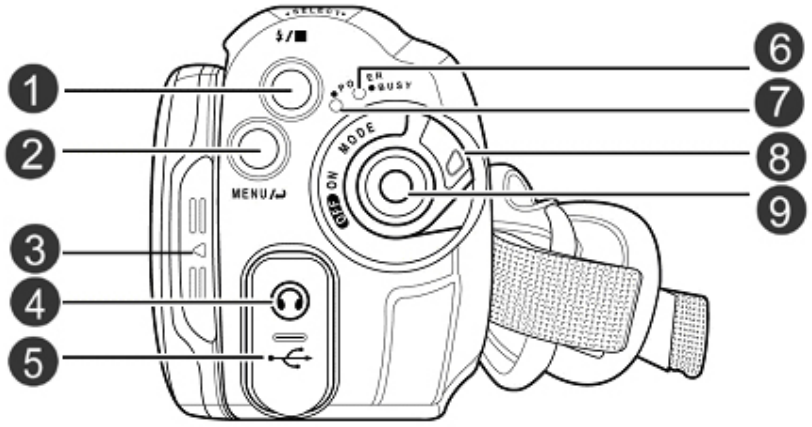
1. Lens assembly
2. Self-timer LED
3. Flash

1.3.2 Top view



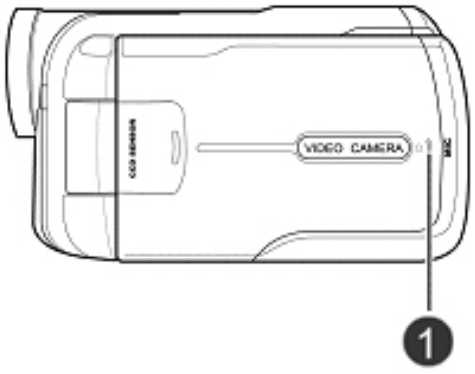
1. Speaker
2. Zoom switch
3. Scroll wheel

1.3.3 Back view



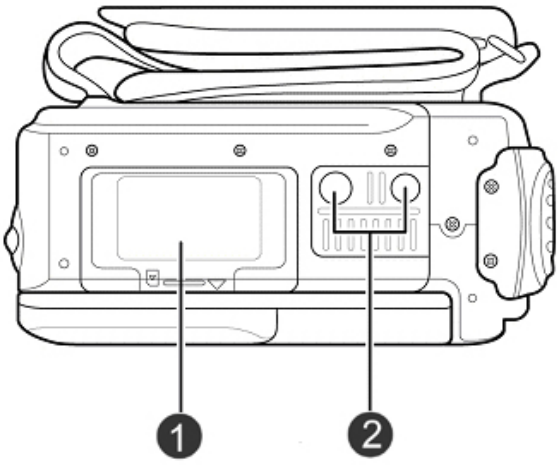
1. Flash/Stop button
2. Menu button
3. LCD screen cover
4. Earphone
5. USB port
6. Busy light LED (Red)
7. Power light LED (Green)
8. Mode switch
9. Shutter button

1.3.4 Right view



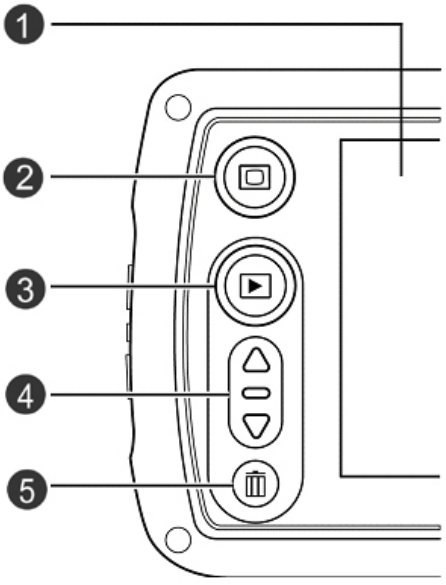
1. MIC

1.3.5 Bottom view



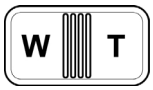
1. Battery cover
2. Tripod connector

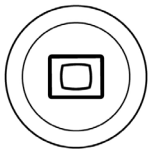
1.3.6 LCD display



1. LCD screen
2. Display button
3. Playback button
4. Up and down arrow keys
5. Delete / OK button

See the table below for a description of each button's function.

Button	Name	Function
	Zoom out Zoom in	• Press to zoom out/in while shooting video clips or taking pictures. • Press to enlarge/ reduce images while reviewing still images. • Press to adjust volume while playing video or voice files.
	Playback	• Press to playback images, video clips, or recorded voice files.
	Mode	• Turn to switch between **Video** mode, **Photo** mode, **Voice** mode, and **Music** mode.
ϟ / ■	Flash / Stop	• In **Photo** mode, press to switch between flash modes. • In **Video** and **Voice Playback** mode, press to stop playing back a video clip/ recorded voice file/music file. • In **Photo Playback** mode, press to display the thumbnails of the photos taken.

	Display	• Press to switch between LCD display modes and **HELP** function.
MENU	Menu	• Press to display main OSD menu.
	Shutter	• Press to start/stop the video/voice recording in **Video/Voice** mode. • Press to capture a picture in **Photo** mode. • Press to play/pause while playing video/voice/music
	Power	• Hold the blue button and turn the mode switch at the same time to turn power on/off.
	Scroll wheel	• In Playback mode, scroll to select previous/next video clip/image/ voice/ music file to play. • In **Video** mode, scroll to enable/disable audio. • In **Photo** mode, scroll to enable/disable macro function. • In **Video/ Photo/ Voice /Music / Playback** mode, press to protect the files from accidental deletion.

1.3.7 About the LEDs

The following tables explain the meaning of the LEDs.

Video mode	Power on	Recording
Self-timer LED	N/A	N/A
Power LED (G)	●	–
Busy LED (R)	●	

Photo mode	Power on	Self-capture	Shutter button	Flash charging
Self-timer LED (R)	N/A		N/A	N/A
Power LED (G)	●	●→ →●	–/	N/A
Busy LED (R)	●	●	●	

Voice mode	Power on	Recording
Self-timer LED	N/A	N/A
Power LED (G)	●	N/A
Busy LED (R)	●	

Legend:

● LED turns on then off

✱ blinking LED

– Steady LED

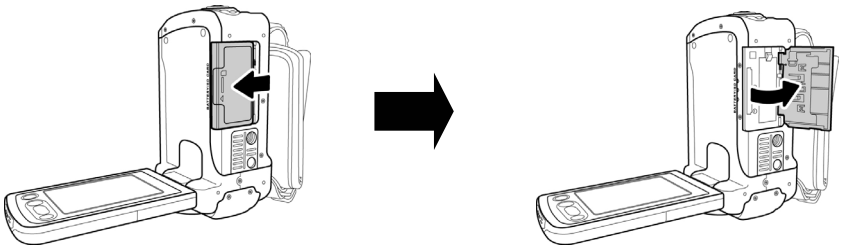
2 Getting started

Read this section to learn how to start using the camera. This section covers only basic functions such as inserting the battery and memory cards, turning it on, and making preliminary settings. See later chapters for advanced functions.

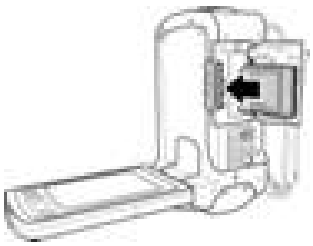
2.1 Inserting an SD card

An SD card can be installed in the camera to provide additional storage space for still images, video clips, or other files.

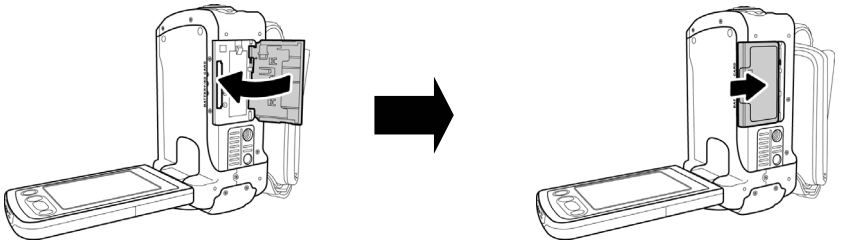
1. Open battery cover.



2. Insert an SD card as shown. Make sure the gold contacts are facing down as shown.



3. Close the battery cover.

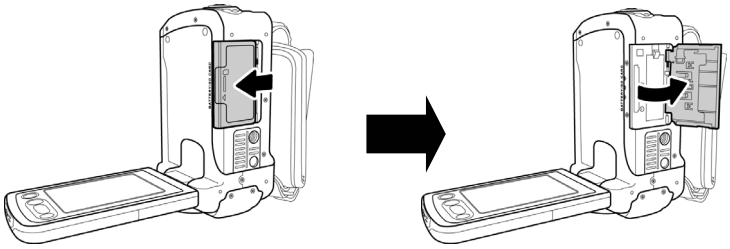


2.2 Inserting the batteries

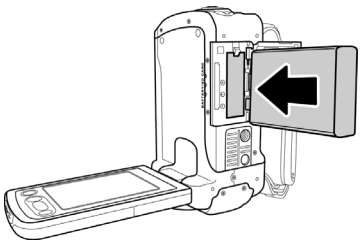
This video camera is designed to use a rechargeable Li-ion battery. Only the battery supplied or a similar battery recommended by the manufacturer or your dealer should be used

Note: Install the batteries exactly as described here. Ensure that the polarity of the batteries is correct. Installing the batteries incorrectly could cause damage to the camera and possibly start a fire.

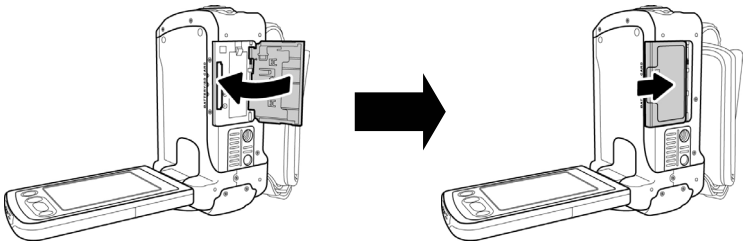
1. Open the battery cover.



2. Insert the batteries as shown.

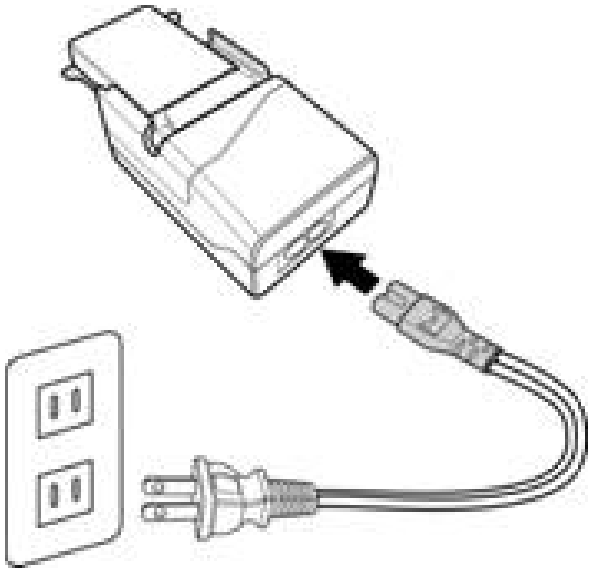


3. Close the battery cover.



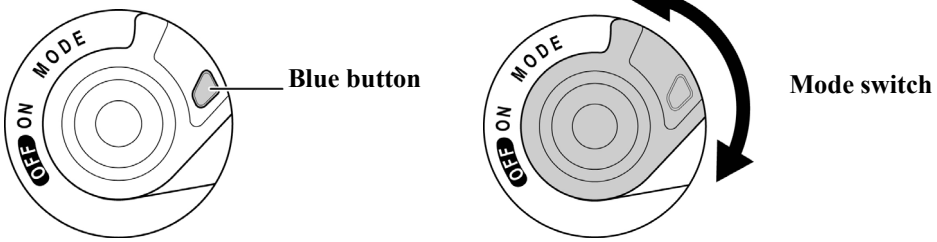
2.3 Charging the battery

Insert the battery into the charger as shown and connect the power supply to the charging unit and the mains supply.



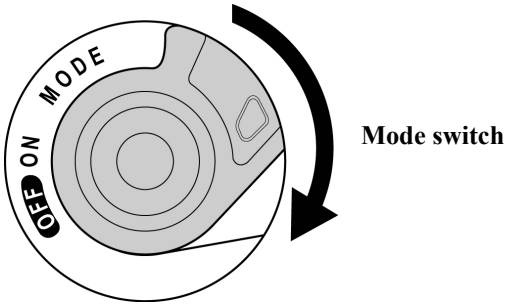
2.4 Turning on for the first time

Press and hold the blue button and turn the mode switch to the right to turn on the video camera. Press and hold the blue button and turn the mode switch to the left to turn the video camera off.



2.5 Changing modes

The video camera can operate in four modes, **Video mode**, **Photo mode**, **Voice mode**, and **Music mode**. Turn the mode switch to toggle between modes.

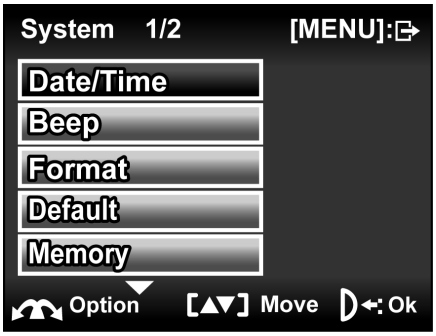


2.6 Before you start

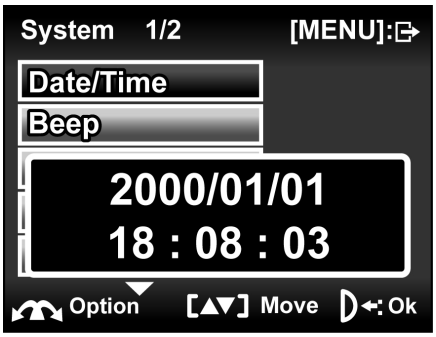
Before using the video camera, some basic settings need to be configured and are described in the following sections.

2.6.1 Setting the date and time

1. Turn on the video camera, and press the **MENU** button to display the menu screen.



2. When the **Date/Time** option is highlighted, press the **OK** button to display the submenu.

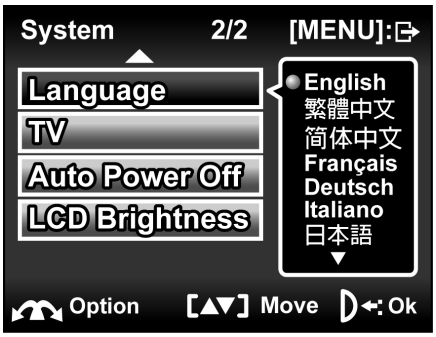


3. Use the **OK** button to highlight each field, and adjust the value by pressing the **Up/Down** arrow keys. After the changes are done, press the **OK** button again to confirm.
4. Press the **OK** button to exit the menu.

2.6.2 Setting the language

1. Turn the camera on, and press the **MENU** button to display the menu screen.

2. Move the scroll to show the setup menu and use the **Up/Down** arrow keys to highlight the **Language** option. Press the **OK** button to confirm.

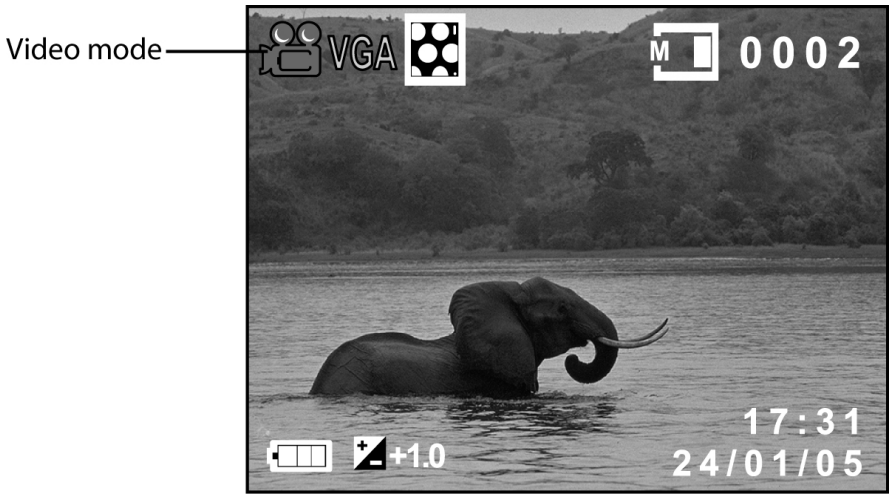


3. Use the **Up/Down** arrow keys to select the language. After the language is selected, press the **OK** button to confirm.
4. Press the **MENU** button to exit the menu.

2.7 Shooting video

2.7.1 To shoot a video clip:

1. Turn on the camera and make sure it is in **Video** mode.

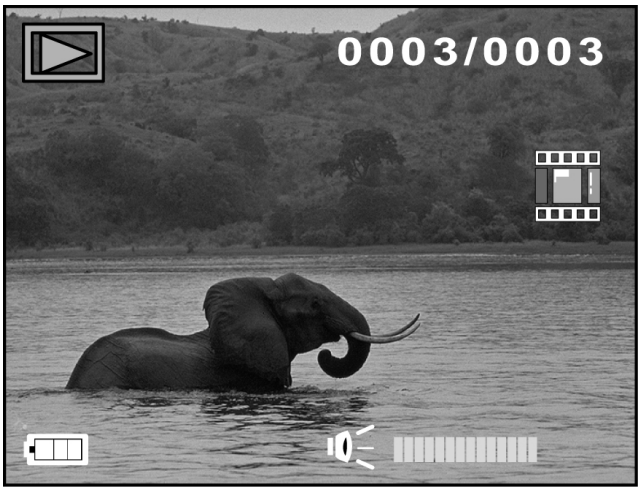


2. Use the LCD screen to frame the video.
3. Press the **Shutter** button to start recording.
4. Press the **Shutter** button again to end recording.
5. The video clip will automatically be saved with a unique file name.

Note: To adjust the brightness of the LCD screen while shooting a video clip, press the **Up/Down** arrow keys. A ic s displayed while adjusting the brightness of the LCD screen.

2.7.2 To playback the video clip

1. Make sure the camera is in **Video** mode.
2. Press the **Playback** button, the most recent file will be shown on the LCD screen.

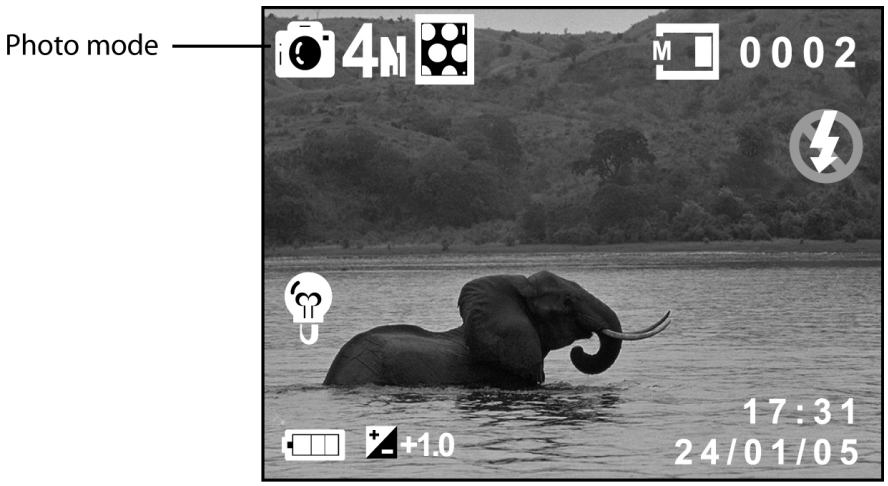


3. Press the **Shutter** button or the **Up** arrow key to playback the video clip.
4. To pause while playing back the video clip, press the **Shutter** button or the **Up** arrow key again.
5. When viewing the video clip, use the **Zoom out/Zoom in** switch to adjust the volume.
6. Press the **Stop** button or the **Down** arrow key to stop playing.
7. Press the **Playback** button again to return to **Video** mode.

2.8 Taking still pictures

2.8.1 To take a still picture:

1. Turn on the camera and make sure it is in Photo mode.

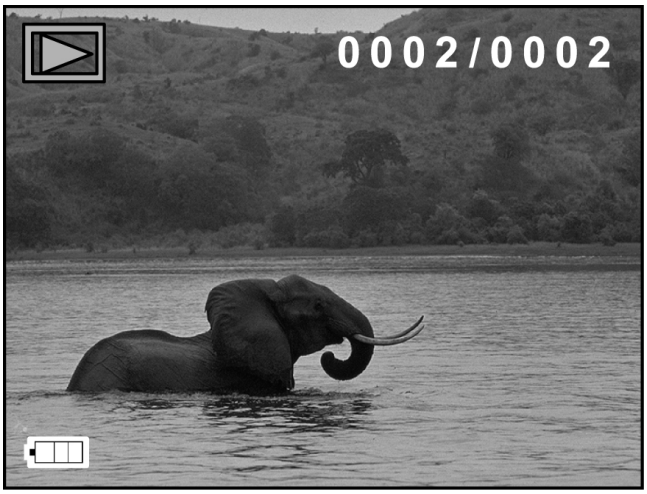


2. Use the LCD screen to frame the picture.
3. Press the **Shutter** button to capture the picture.
4. The picture will automatically be saved with a unique file name.

Note: To adjust the brightness of the LCD screen while taking a still picture, press the **Up/Down** arrow keys. A icon is displayed while adjusting the brightness of the LCD screen.

2.8.2 To playback the picture:

1. Press the **Playback** button, and the most recent file will be shown on the LCD screen.



2. Move the scroll wheel to select the previous/next image.
3. Use the **Zoom out/Zoom in** switch to enlarge/reduce the image. Press the **Up/Down** arrow keys to move the zoomed image up and down. Use the scroll wheel to move the zoomed image left and right.
4. Press the **Playback** button again to return to **Photo** mode.

2.9 Voice recording

2.9.1 To make a voice recording:

1. Turn on the camera and make sure it is in **Voice mode**.

2. Press the **Shutter** button to start recording.
3. Press the **Shutter** button again to stop.
4. The voice file will automatically be saved with a unique file name.

2.9.2 To playback a voice file:

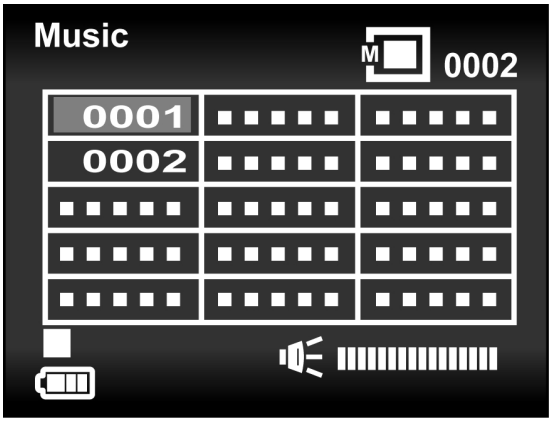
1. Press the **Playback** button, and the most recent file will be shown on the LCD screen.
2. Press the **Shutter** button or the **Up** arrow key to playback the voice file.
3. To pause while playing back the video clip, press the **Shutter** button or the **Up** arrow key again.
4. When playing back a voice file, use the **Zoom in/ out** switch to adjust the volume.

5. Press the **Stop** button or the **Down** arrow key to stop.
6. Press the **Playback** button to return to **Voice** mode.

2.10 Playing music files

2.10.1 To playback a music file:

1. Turn on the camera and make sure it is in **Music mode**.

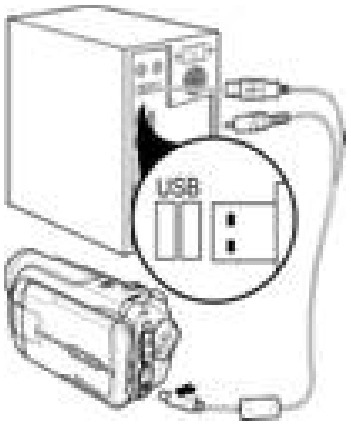


2. Use the scroll wheel to select the file to playback.
3. Press the **Shutter** button or the **Up** arrow key to playback the voice file.
4. To pause while playing back the voice file, press the **Shutter** button or the **Up** arrow key again.
5. When playing back a voice file, use the **Zoom in/ out** switch to adjust the volume.
6. Press the **Stop** button or the **Down** arrow key to stop.

2.11 Connecting to a computer

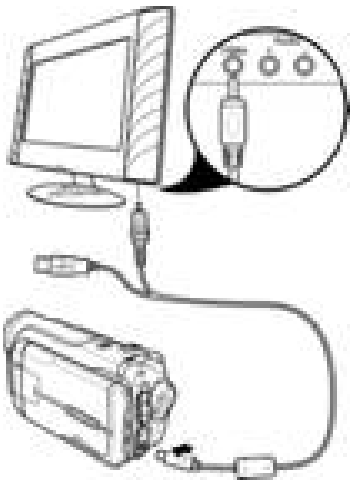
Read this section to learn how to transfer files to a PC or use the camera as a PC web-camera for conferences.

Connect the camera to a computer with the USB cable provided.

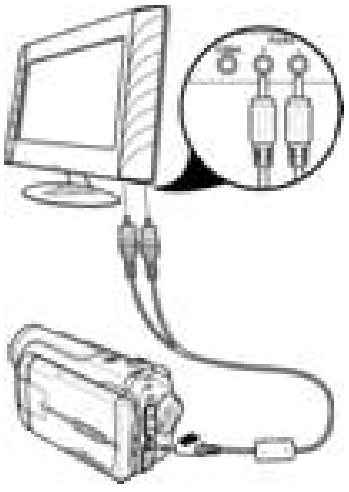


2.12 Connecting to a TV

Connect the camera to a TV as shown with the AV cables provided.



Connecting to video



Connecting to audio

3 Using the camera

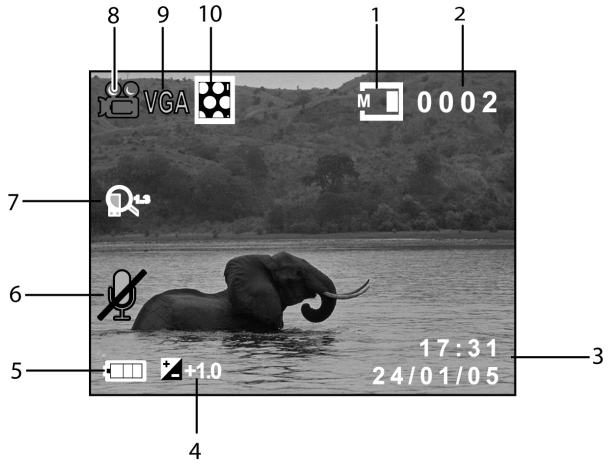
Read this section to learn how to use the camera.

3.1 Video mode

Use **Video** mode to capture video clips and store them in internal memory or on an SD card.

3.1.1 Video mode icons

Use the following picture to familiarize yourself with the **Video** mode icons and symbols.



See the table below for a description of each icon and symbol.

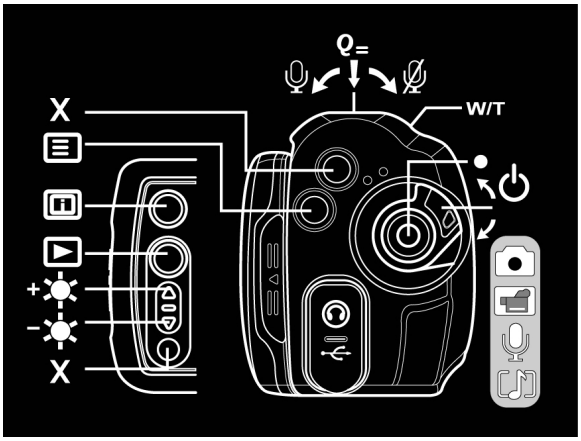
1		Memory status
2	0002	Display the number of files saved
3	17:31 YY/MM/DD	Date and time.

4		EV compensation indicator
5		Battery indicator
6		Audio indicator. An icon is displayed when audio is disabled.
7		Zoom indicator. An icon indicating the zoom is displayed when the zoom switch is pressed.
8		Video mode icon
9		Image file indicator
10		Image quality indicator

3.1.2 Help information

Press the **Display** button to display **Help** information for the function keys in **Video** mode. Press the **Display** button again to return to main screen.

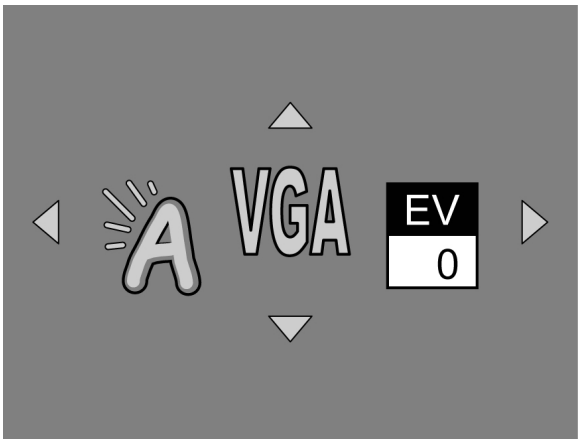
The following screen is displayed when the **Display** button is pressed. An illustration of the functions for each button is displayed on the screen.



3.1.3 Quick access menu

You can also make adjustments of the current setting by pressing the scroll wheel button.

In **Video** mode, pressing the scroll wheel to display the quick access menu. You can adjust settings for items such as file size, EV compensation, self-timer, image quality, color effect, and white balance.



To make adjustments, do the following:

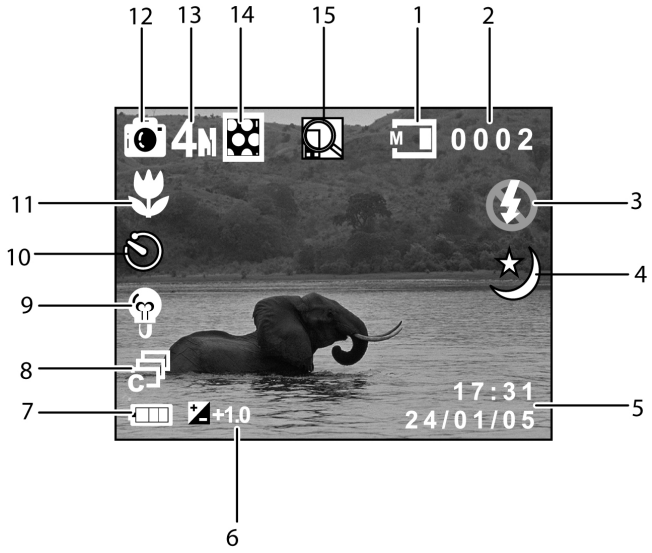
1. Use the scroll wheel to select the setting to be modified.
2. Press the **Up/ Down** arrow keys to modify the current setting.
3. Press the scroll wheel again to return to **Video** mode.

3.2 Photo mode

Use **Photo** mode to capture still pictures and store them in the internal memory or on an SD card.

3.2.1 Photo mode icons

Use the following picture to familiarize yourself with the photo mode icons and symbols.



See the table below for a description of each icon and symbol.

1		Memory status indicator
2	0002	Displays the number of saved files
3		Flash mode indicator
4		Night mode indicator
5	17:31	Date and time

	YY/MM/DD	
6		EV compensation indicator
7		Battery status indication Picture mode
8		Capture mode indicator : Continuous shot No icon is shown when set to single shot.
9		White balance indicator shows the white balance setting.
10		Self-timer function (10/ 20 seconds)
11		Macro function indicator This function is on when the icon is displayed. The icon is not shown when this function is off.
12		Photo mode indicator
13		Image size indicator
14		Image quality indicator
15		Zoom indicator

3.2.2 Setting the flash

While in **Photo** mode, press the flash button to switch between flash modes.

See the table below for a description of each icon and symbol.

	Flash is turned off
	Automatic flash, fires only when needed.
	Flash fires automatically when needed and flashes once before the picture is taken to reduce the red-eye effect.
	Forced flash, flash is always on.
	Slow sync flash. A flash mode designed for low light conditions with long shutter speed.

3.2.3 Using the macro function

This function can capture subjects close to the lens. In macro mode, subjects can be as close as 20 cm.

While in **Photo** mode, move the scroll wheel on top of the video camera to activate macro function, and an icon will appear on the LCD screen.

Move the scroll wheel again to cancel the macro function.

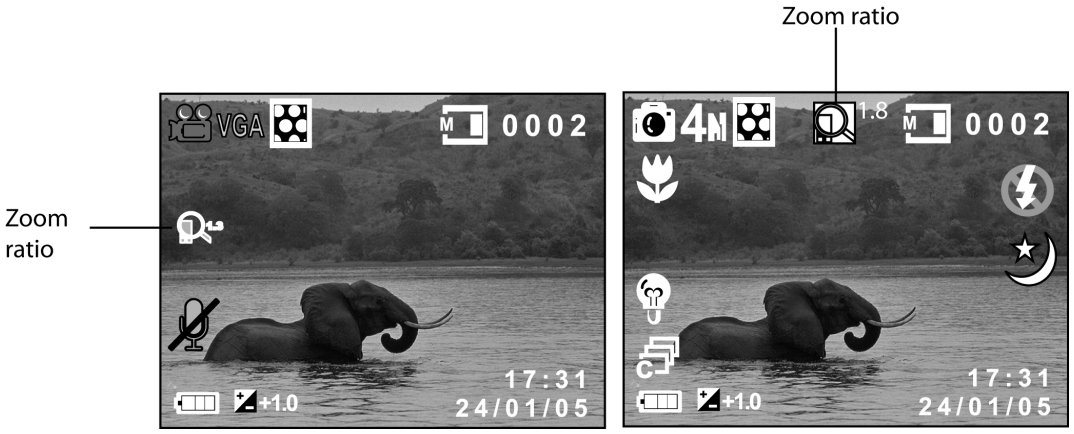
3.2.4 Using the zoom function

The camera is equipped with 3x optical zoom and 10x digital zoom. In **Video** mode, the zoom function works with 3x optical and 10x digital zoom. In **Photo** mode, the zoom function works with 3x optical zoom and 4x digital zoom.

Move the **zoom** switch to the **right** to get closer to a subject.

Move the **zoom** switch to the **left** to move away from a subject.

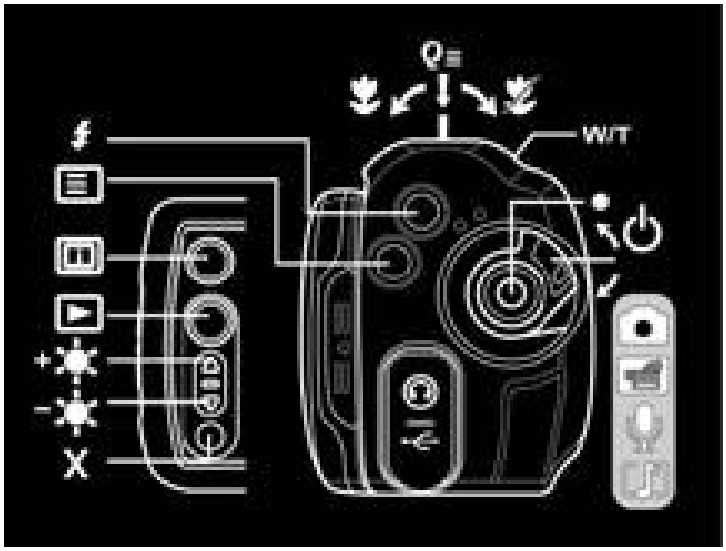
The zoom ratio is displayed on the screen.



3.2.5 Help information

Press the **Display** button to display Help information for the function keys in **Photo** mode. Press the **Display** button again to return to main screen.

The following screen is displayed when the **Display** button is pressed. An illustration of the functions for each button is displayed on the screen.



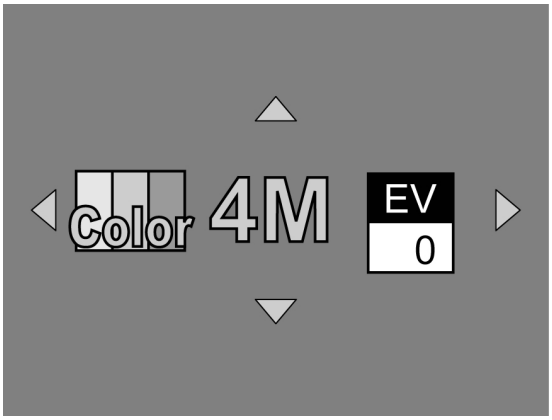
3.2.6 Quick access menu

You can also make adjustments of the current setting by pressing the scroll wheel.

In **Photo** mode, pressing the scroll wheel to display the quick access menu. You can adjust the settings for items such as file size, EV compensation, white balance, image quality, self-timer, driver mode, and color effect.

To make adjustments, do the following:

1. Use the scroll wheel to select the setting to be modified.
2. Press the **Up/ Down** arrow keys to modify the current setting.
3. Press the scroll wheel again to return to **Photo** mode.



3.3 Voice mode

Use **Voice** mode to record a voice file and store them in internal memory or on an SD card.

3.3.1 Voice mode icons

Use the following picture to familiarize yourself with the **Voice** mode icons and symbols.

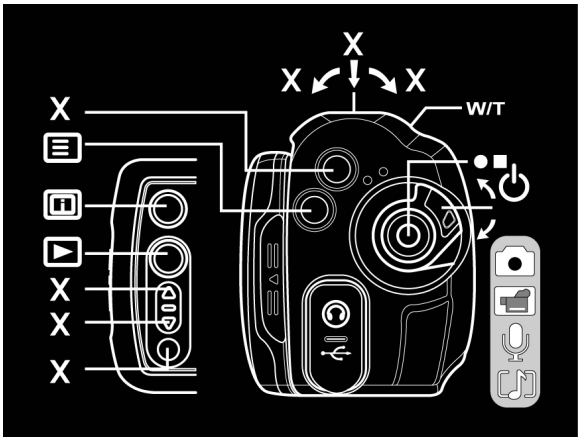
See the table below for a description of each icon and symbol.

1	Displays number of voice files recorded
2	Displays recording time

3.3.2 Help information

Press the **Display** button to display **Help** information for the function keys in **Voice** mode. Press the **Display** button again to return to main screen.

The following screen is displayed when the **Display** button is pressed. An illustration of the functions for each button is indicated.

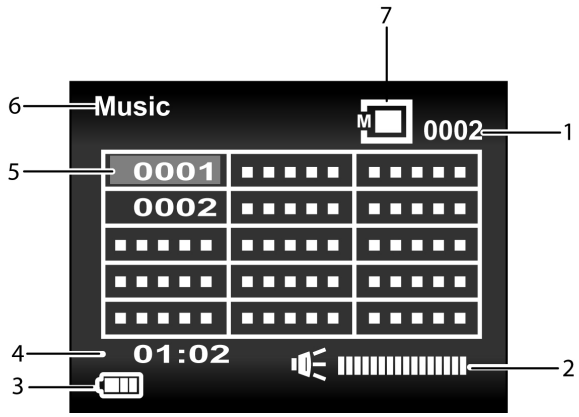


3.4 Music mode

Use **Music** mode to play the music files stored on the SD card or internal memory.

3.4.1 Music mode icons

Refer to the following picture to familiarize yourself with the **Music** mode icons and symbols.



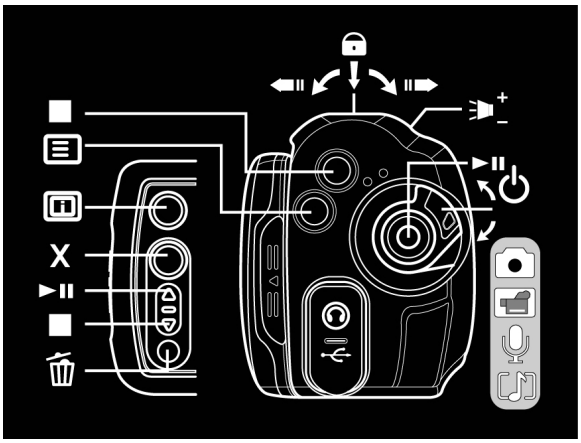
1	Displays number of music files stored on the SD card.
2	Volume indicator
3	Battery indicator
4	Displays file playback time
5	File name indicator
6	Music mode indicator
7	Memory status indicator

Notes: To playback music files, create a folder named "**Music** " and then save the music files in the **Music** folder on the SD card or internal memory.

3.4.2 Help information

Press the **Display** button to display **Help** information for the function keys in **Music** mode. Press the **Display** button again to return to main screen.

The following screen is displayed when the **Display** button is pressed. An illustration of the functions for each button is displayed on the screen.



3.5 Playback mode

Use **Playback** mode to review all the files stored in the camera.

3.5.1 Displaying file information

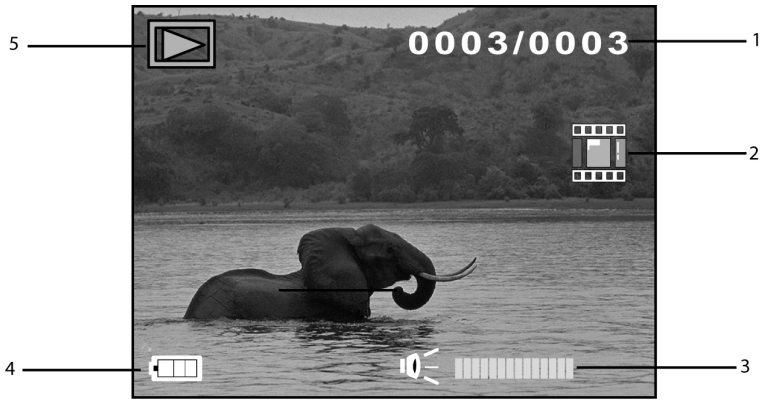
Basic information is displayed by default on each image or video when viewed in **Playback** mode. Press the **Display** button to switch this information on or off.

1. Turn on the camera and make sure it is in **Playback** mode.
2. The most recent file will be shown on the LCD screen with basic information such as file type, storage directory, battery, etc.
3. Press the **Display** button for the first time to remove all the information on the screen and show only the picture.
4. Press the **Display** button for the second time to show help information.

Note: Video files only show basic information. Pressing the **Display** button will remove the information from the screen. Press the button again to return to the main screen.

3.5.2 Playback mode icons

Refer to the following picture to familiarize yourself with the **Playback** mode icons and symbols.



See the table below for a description of each icon and symbol.

1	Displays the number of current shot and total number of pictures/video clips.
2	Shows current file type. : Video clips No icon is shown for still image files.
3	Volume indicator
4	Battery status indication
5	Playback mode icon

3.5.3 Thumbnail mode

When in **Photo Playback** mode, press the **Stop** button to show image thumbnails.

1. Turn on the camera and make sure it is in **Playback** mode.
2. The most recent image will show on the screen. Press the **Stop** button for the first time to view **four** thumbnails on LCD screen, and press the button again view **nine** thumbnails on the LCD screen.
3. Use the scroll wheel to highlight an image, press the OK butt functions on to view the image in full screen size.
4. Press the **Stop** button again to return to the thumbnail mode.

Note: Only image files are shown in thumbnail mode.

3.6 USB mode

Before connecting to a PC, refer to "Installing the software and drivers" section.

The camera can be set as a USB mass storage device when connected to a PC via the USB cable.

3.7 Storage device mode

When set as a USB mass storage device, the camera appears as one removable drives in Windows Explorer. Drag and drop files to and from the removable drives just like any other drive.

4 Using the menus

Read this section to learn how to configure the camera and use the advanced features.

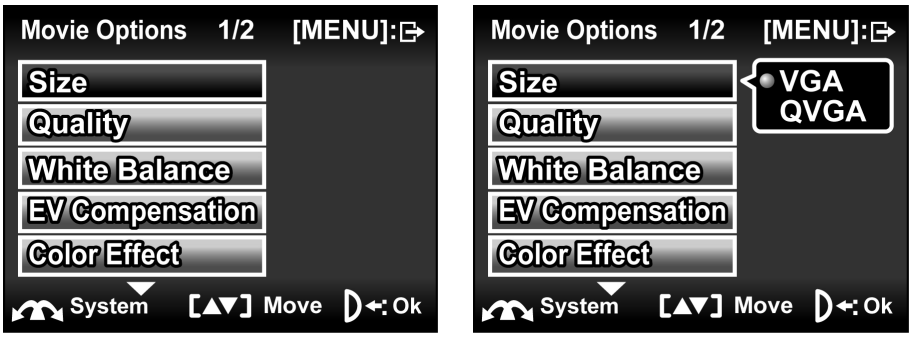
4.1 Video menu

When in **Video** mode, press the **MENU** button to show video menu.

4.1.1. Video Size

Use this option to set the size of the captured image. Bigger images contain more detail and therefore use more memory space.

1. Turn the camera on and ensure it is in Video mode.
2. Press the **MENU** button and use the arrow keys to highlight the Size option. Press the OK button to display the submenu.
3. Use the arrow keys to select VGA or QVGA. Press the OK button to confirm.

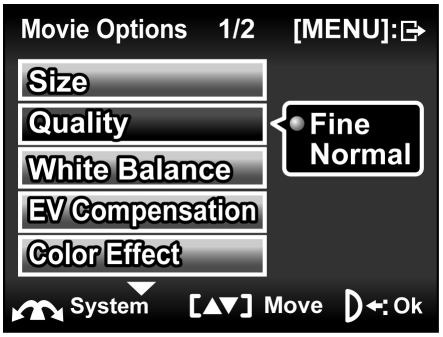


4. Press the **MENU** button again to exit the menu.

4.1.2. Video Quality

There are three different levels of video quality setting. Higher quality video needs more memory storage space.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and move the joystick downward to highlight the **Quality** option. Press the **OK** button to display the submenu.
3. Use the joystick to select **fine** or **normal**. Press the **OK** button to confirm.



4. Press the **MENU** button again to exit the menu.

4.1.3. White balance

Use this option to correct color difference due to lighting conditions.

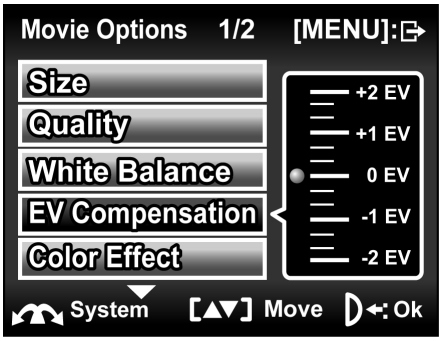
1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **White Balance** option. Press the **OK** button to display the submenu.
3. Use the **Down** arrow key to select **auto**, **sunny**, **cloudy**, **tungsten**, or **fluorescent light**. Press the **OK** button to confirm.

4. Press the **MENU** button again to exit the menu.

4.1.4. Exposure adjustment (EV)

Use this setting to change the exposure for the pictures. Usually, this value would be set to zero. Increase the value to light up a subject with strong back lighting, or decrease the value if taking a picture of something very bright.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys down to the second page to highlight the **EV** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to adjust EV value. The range is from **–2.0** to **+2.0**. Press the **OK** button to confirm.

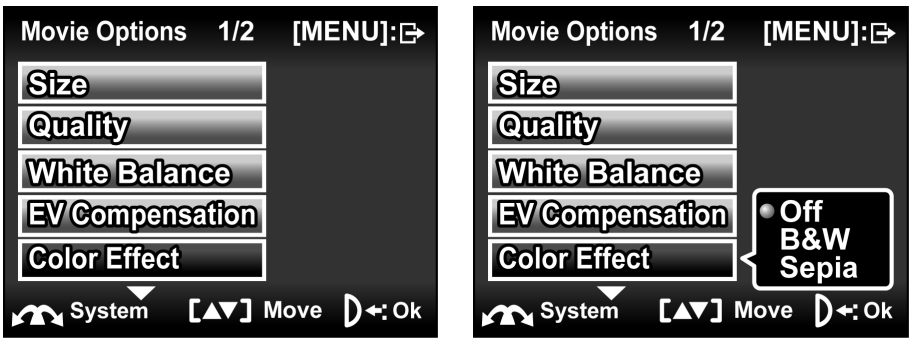


4. Press the **MENU** button again to exit the menu.

4.1.5. Color effect

The camera can capture standard color images, black and white images, or sepia tone to give an old-fashioned look.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the next page to highlight the **Color** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **off**, **black and white**, or **sepia**. Press the **OK** button to confirm.

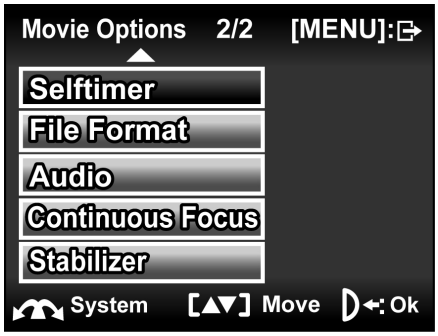


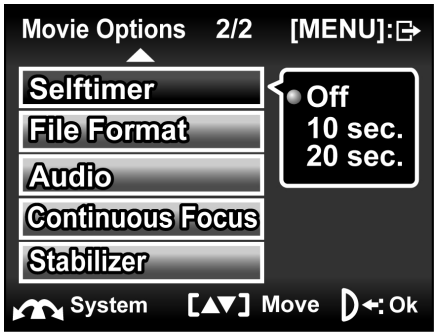
4. Press the **MENU** button again to exit the menu.

4.1.6. Self timer

This function allows you to record a video clip of yourself by adding a 10 second delay between when the **Shutter** button is pressed and when the video starts recording.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the next page to highlight the **Self timer** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to turn the function on or off. Press the **OK** button to confirm.



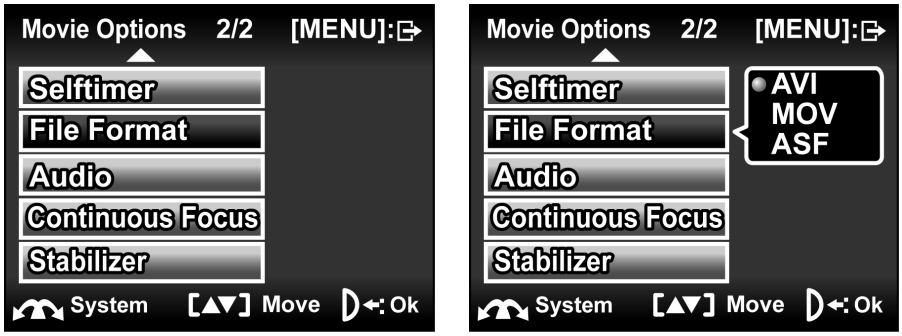


4. Press the **MENU** button again to exit the menu.

4.1.7. File format

This function enables you to choose the file format to save the video clips you recorded. You can save the video clip in **AVI**, **MOV**, or **ASF** format.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the next page to highlight the **File Format** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select the file format to save your video clip. Press the **OK** button to confirm.



4. Press the **MENU** button again to exit the menu.

Note: The Video camera supports 3 MPEG4 video file formats; please make sure you use the correct software while playing the videos on PC:

AVI: please install XviD 1.03 codec (included in the Software CD).

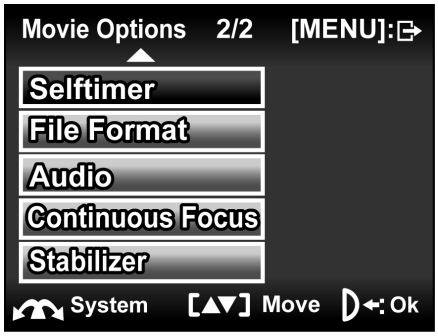
MOV: please install QuickTime 6.X or above.

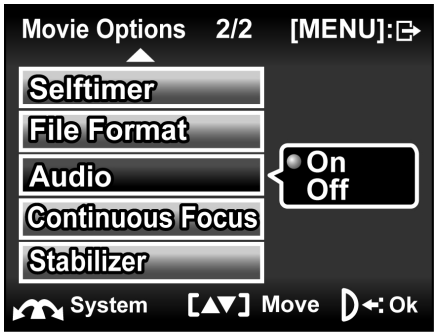
ASF: Window Media player 9.0 or above is recommended.

4.1.8. Audio

Use this function to turn the volume on/ off while recording a video clip.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Audio** function. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to enable or disable audio while recording. Press the **OK** button to confirm.



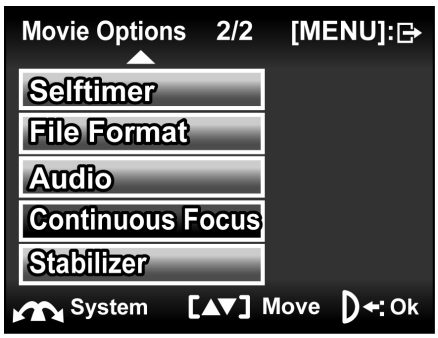


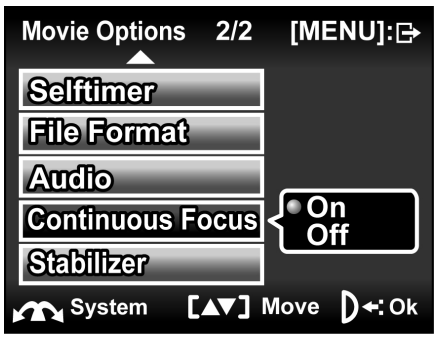
4. Press the **MENU** button again to exit the menu.

4.1.9. Continuous focus

Use this function to turn the continue focus function on/ off while recording a video clip.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Continue Focus** function. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to turn **Continue Focus** function on/off while recording. Press the **OK** button to confirm.



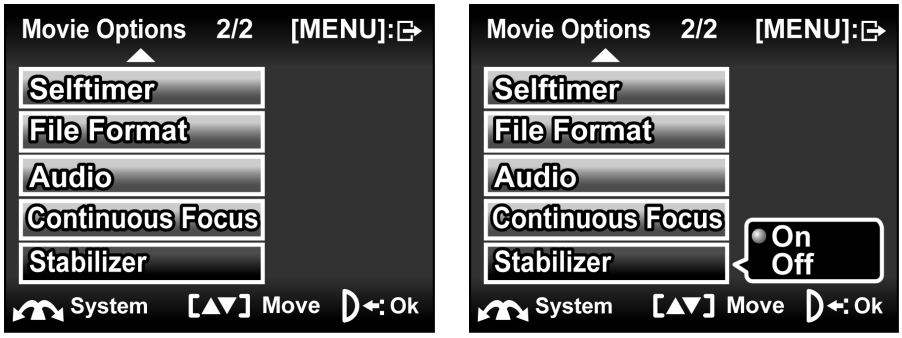


4. Press the **MENU** button again to exit the menu.

4.1.10. Stabilizer

This function removes any shaking while recording a video clip.

1. Turn the camera on and ensure it is in **Video** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Stabilizer** function. Press the **OK** button to display the submenu.



3. Use the **Up/Down** arrow keys to turn **Stabilizer** function on/off while recording. Press the **OK** button to confirm.
4. Press the **MENU** button again to exit the menu.

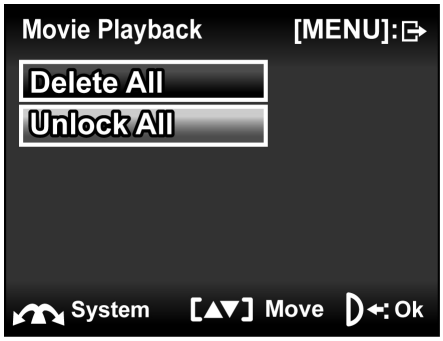
4.2 Movie Playback menu

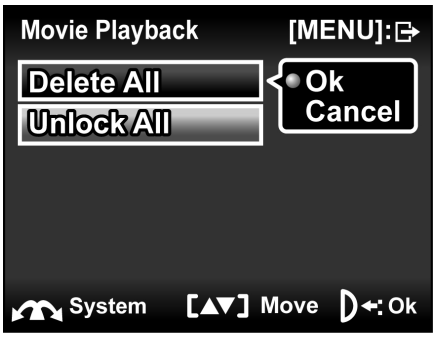
Use the playback menu to manage the files stored in the internal memory or on the SD card.

4.2.1 Delete all

Use this function to delete files.

1. Turn the camera on and ensure it is in **Video** mode. Press the **Playback** button and then press the **MENU** button to display **Movie Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Delete all** option. Press the **OK** button to display the submenu.
3. Press the **Up/Down** arrow keys to confirm and select **OK** or **Cancel**. Press the **OK** button to confirm.





4. Press the **MENU** button again to exit the menu.

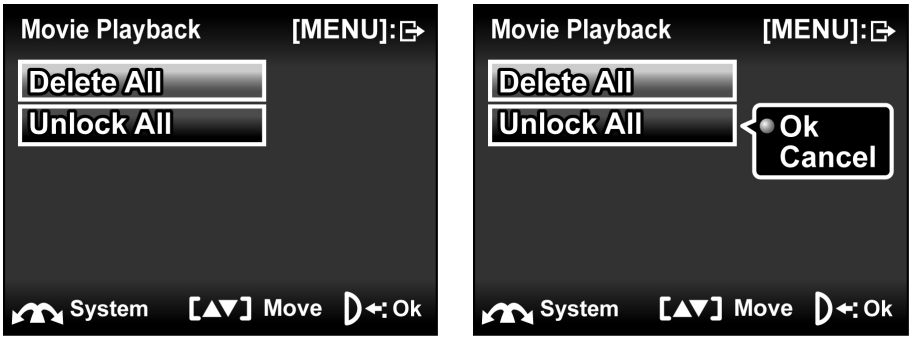
Note: Once deleted, files cannot be recovered. Make sure the files are transferred to PC via USB cable or saved to other storage device.

Files that have been locked will not be deleted. You have to unlock the files first before deleting them.

4.2.2 Unlock all

Use this function to unlock files that have been protected to prevent accidental deletion.

1. Turn the camera on and ensure it is in **Video** mode. Press the **Playback** button and then press the **MENU** button to display **Movie Playback** menu to display **Movie Playback** menu.
2. Press the **MENU** button and use the arrow keys to highlight the **Unlock all** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **OK** or **Cancel**. Press the **OK** button to confirm.



4. Press the **MENU** button again to exit the menu.

Note: To lock a file, press the scroll wheel button. A lock icon is displayed to show that the file has been protected.

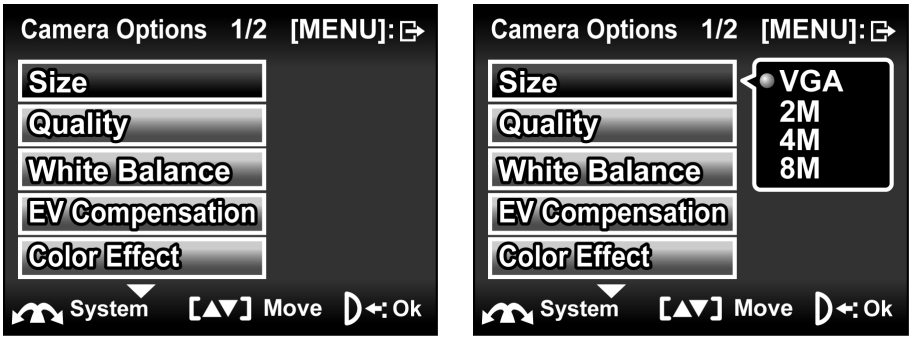
4.3 Picture menu

In **Photo** mode, press the **MENU** button to show the menu.

4.3.1 Size

Use this option to set the size of the captured image. Bigger images contain more detail and therefore use more memory space.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **Size** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **8M**, **4M**, **2M**, or **VGA**. Press the **OK** button to confirm.

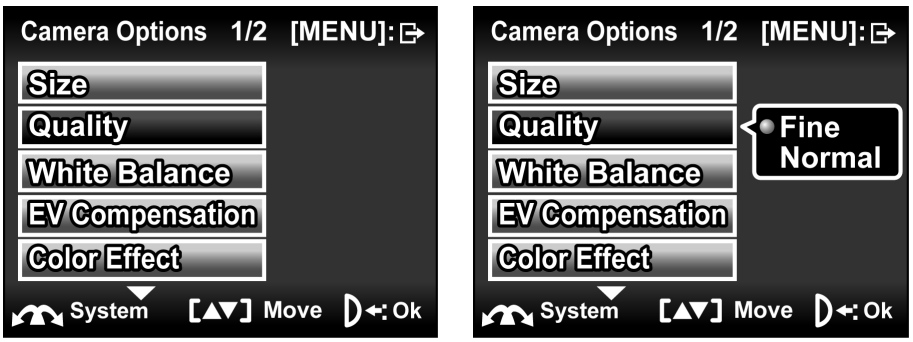


4. Press the **MENU** button again to exit the menu.

4.3.2 Image Quality

Use this option to set the quality of the captured image. Better quality contains more details and therefore uses more memory space.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **Quality** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select from **fine**, or **normal**. Press the **OK** button to confirm.

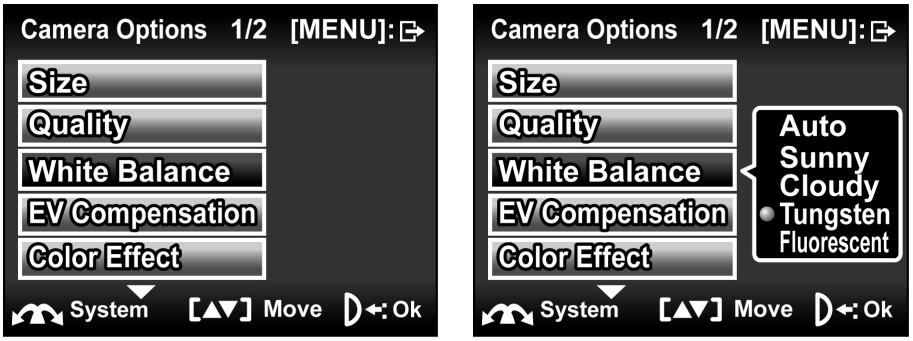


4. Press the **MENU** button again to exit the menu.

4.3.3 White balance

Use this option to correct color difference due to lighting conditions.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **White Balance** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **auto**, **sunny**, **cloudy**, **tungsten**, or **fluorescent**. Press the **OK** button to confirm.

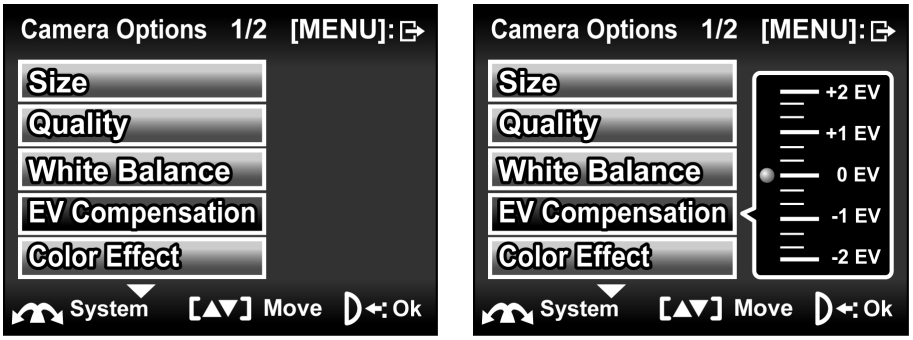


4. Press the **MENU** button again to exit the menu.

4.3.4 Exposure adjustment (EV)

Use this setting to change the exposure for the pictures. Usually, this value would be set to zero. Increase the value to light up a subject with strong back lighting, or decrease the value if taking a picture of something very bright.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **EV** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to adjust EV value. The range is from **–2.0** to **+2.0**. Press the **OK** button to confirm.

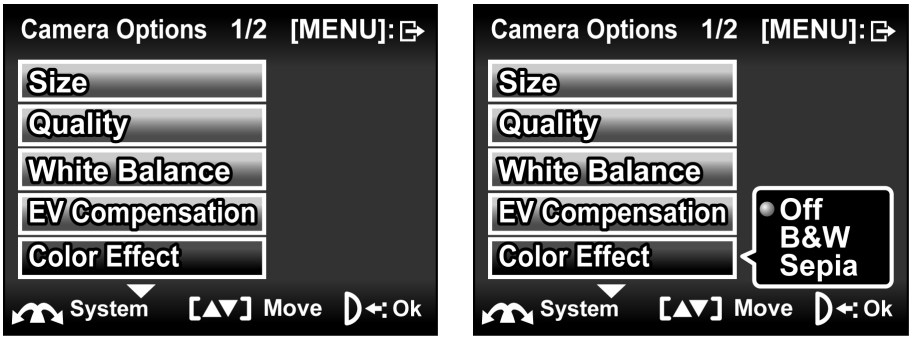


4. Press the **MENU** button again to exit the menu.

4.3.5 Color effect

The camera can capture standard color images, black and white images, or sepia tone to give an old-fashioned look. When the color effect function is turned off, it is set to color mode.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and use the **Up/Down** arrow keys to highlight the **Color** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **off**, **black and white**, or **sepia**. Press the **OK** button to confirm.

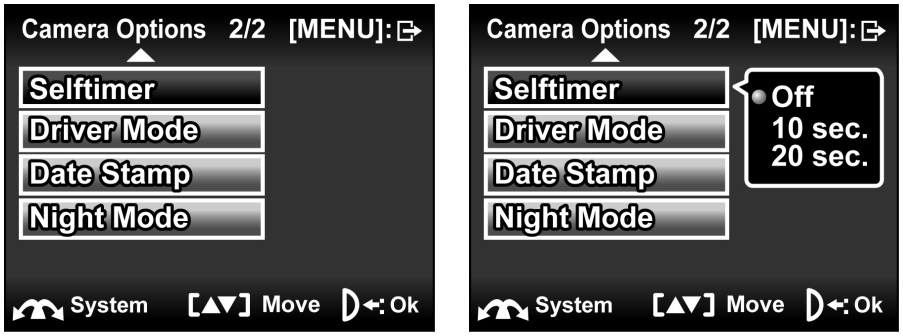


4. Press the **MENU** button again to exit the menu.

4.3.6 Self timer

This function allows you to capture an image of yourself by adding a 10 second delay between when the **Shutter** button is pressed and when the picture is actually taken.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the next page to highlight the **Self timer** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to turn the function on or off. Press the **OK** button to confirm.

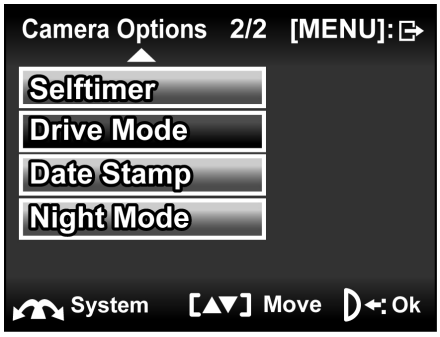


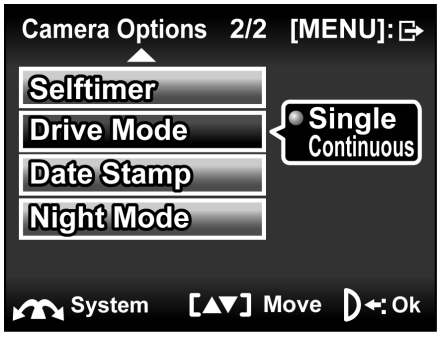
4. Press the **MENU** button again to exit the menu.

4.3.7 Drive mode

Use this option to choose taking a picture in **Single** shot or **Continuous** shot mode.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Drive mode** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow key to select **Single** shot or **Continuous** shot to be taken. Press the **OK** button to confirm.
4. **Single** shot: Only one picture will be taken.
5. **Continuous** shot: Three pictures will be taken when the **Shutter** button is pressed.





6. Press the **MENU** button again to exit the menu.

4.3.8 Date stamp

Use this option to turn on/off the date/time stamp when the photo is captured.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Date stamp** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select whether to show the date stamp on the screen. Press the **OK** button to confirm.

4. Press the **MENU** button again to exit the menu.

4.3.9 Night mode

Use this function when taking pictures at night. It will set the camera to use a slow shutter sync which allows the background images to show though.

1. Turn the camera on and ensure it is in **Photo** mode.
2. Press the **MENU** button and press the **Up/Down** arrow keys down to the second page to highlight the **Night mode** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select on/off. Press the **OK** button to confirm.

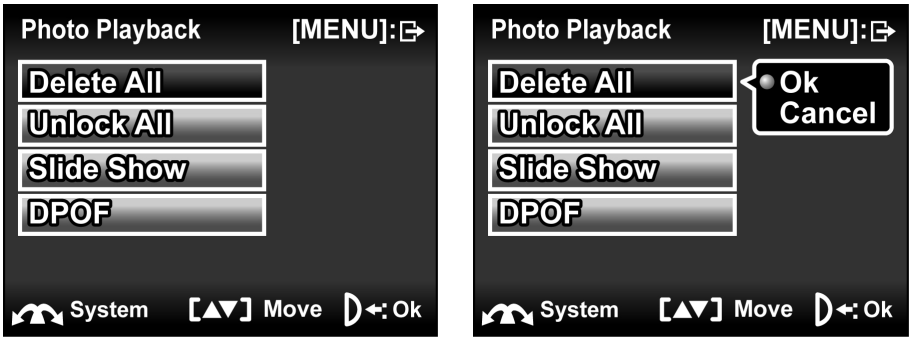
4. Press the **MENU** button again to exit the menu.

4.4 Photo Playback menu

4.4.1 Delete all

Use this function to delete files.

1. Turn the camera on and ensure it is in **Photo** mode. Press the **Playback** button and then press the **MENU** button to display the **Photo Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Delete all** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **OK** or **Cancel**. Press the **OK** button to confirm.



4. Press the **MENU** button again to exit the menu.

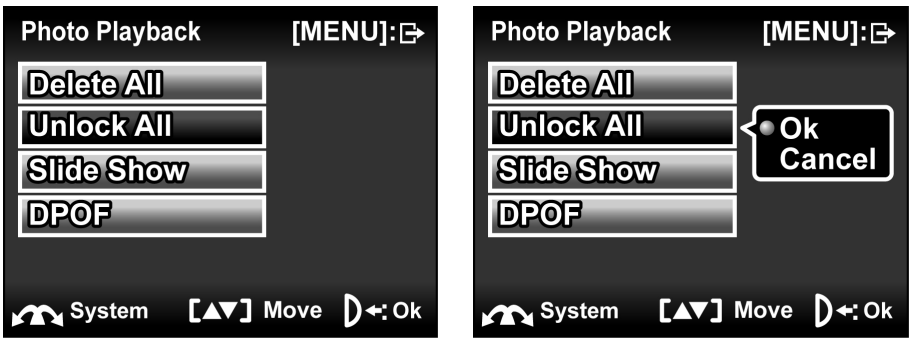
Note: Once deleted, files cannot be recovered. Make sure the files are transferred to PC via USB cable or saved to other storage device.

Files that have been protected will not be deleted. See "Protect" section for detailed information.

4.4.2 Unlock all

Use this function to protect files from accidental deletion.

1. Turn the camera on and ensure it is in **Photo** mode. Press the **Playback** button and then press the **MENU** button to display the **Photo Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Unlock all** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **OK** or **Cancel**. Press the **OK** button to confirm.



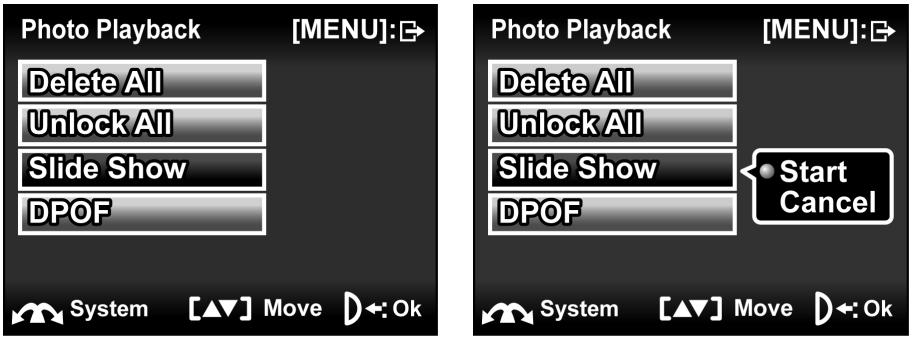
4. Press the **MENU** button again to exit the menu.

Note: To lock a file, press the scroll wheel button. A lock icon is displayed to show that the file has been protected.

4.4.3 Slide show

The camera includes a slide show function, which displays each image in turn with a regular interval between pictures.

1. Turn the camera on and ensure it is in **Photo** mode. Press the **Playback** button and then press the **MENU** button to display the **Photo Playback** menu.
2. Press the **MENU** button, and use the **Up/Down** arrow keys to highlight the **slide show** option. Press the **OK** button to display the submenu.
3. Use the use the arrow keys to select **start** and press the **OK** button to confirm.

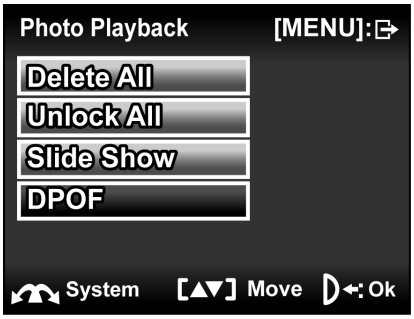


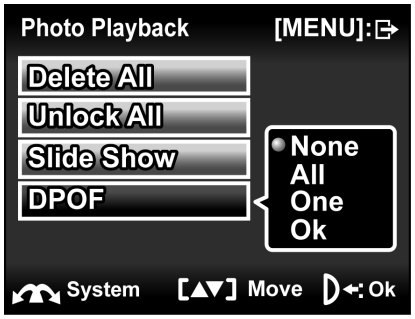
4. Press the **MENU** button to return to main screen. The images stored in memory will be displayed one after another.
5. Press the **OK** button to stop the slide show.

4.4.4 DPOF

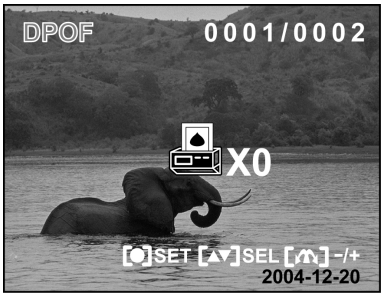
Use the DPOF (Digital Print Order Format) function to tag pictures stored in the memory card with print information. Tag all pictures to be printed or just the current picture.

1. Turn the camera on and ensure it is in **Photo** mode. Press the **Playback** button and then press the **MENU** button to display the **Photo Playback** menu.
2. Press the **MENU** button, and use the arrow keys to highlight the **DPOF** option. Press the **OK** button to display the submenu.





3. Use the arrow keys to select from **none**, **one** or **all**, and press the **OK** button to confirm.
4. Press the **MENU** button to return to the image. Use the scroll wheel to set the number of prints, and use the **Up/Down** arrow keys to choose different photos. After setting the numbers of prints, press the **OK** button to confirm.



5. Press the **MENU** button again to exit the menu.

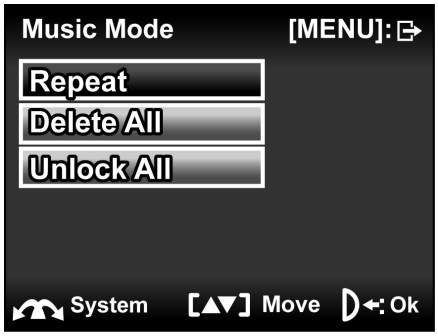
Note: This function is available when an SD card is inserted into the video camera.

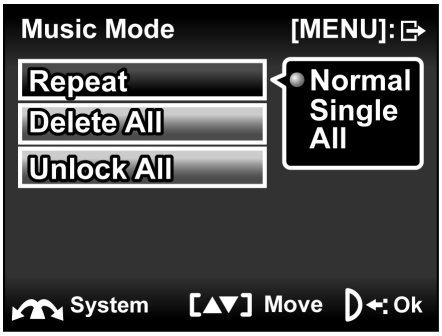
4.5 Music menu

4.5.1 Repeat

Use this function to repeat playing back a single music file or all music files on the SD card or internal memory.

1. Turn the camera on and ensure it is in **Music** mode. Press the **MENU** button to display the **Music Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Repeat** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **Normal, Single** or **All**. Press the **OK** button to confirm.



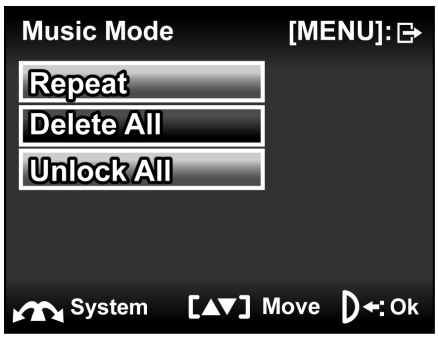


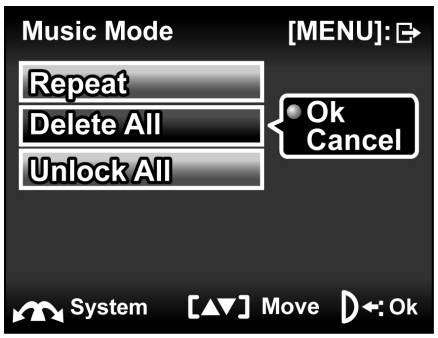
4. Press the **MENU** button again to exit the menu.

4.5.2 Delete all

Use this function to delete files.

1. Turn the camera on and ensure it is in **Music** mode. Press the **Display** button and then press the **MENU** button to display the **Photo Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Delete all** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **OK** or **Cancel**. Press the **OK** button to confirm.





4. Press the **MENU** button again to exit the menu.

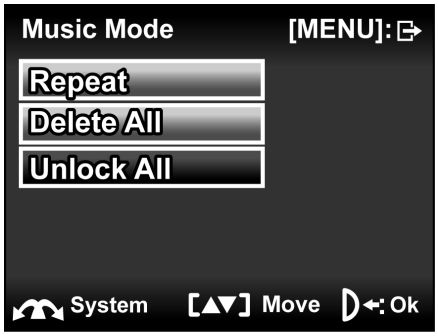
Note: Once deleted, files cannot be recovered. Make sure the files are transferred to PC via USB cable or saved to other storage device.

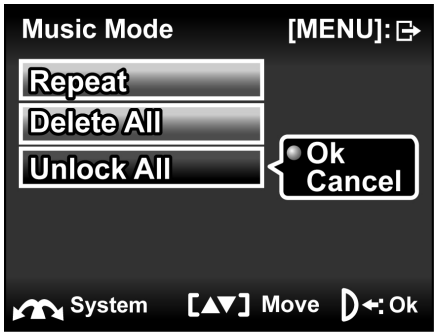
Files that have been protected will not be deleted. See "Protect" section for detailed information.

4.5.3 Unlock all

Use this function to protect files from accidental deletion.

1. Turn the camera on and ensure it is in **Music** mode. Press the **MENU** button to display the **Music Playback** menu.
2. Use the **Up/Down** arrow keys to highlight the **Unlock all** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **On** or **Off**. Press the **OK** button to confirm.





4. Press the **MENU** button again to exit the menu.

Note: To lock a file, press the scroll wheel button. A lock icon is displayed to show that the file has been protected.

4.6 System menu

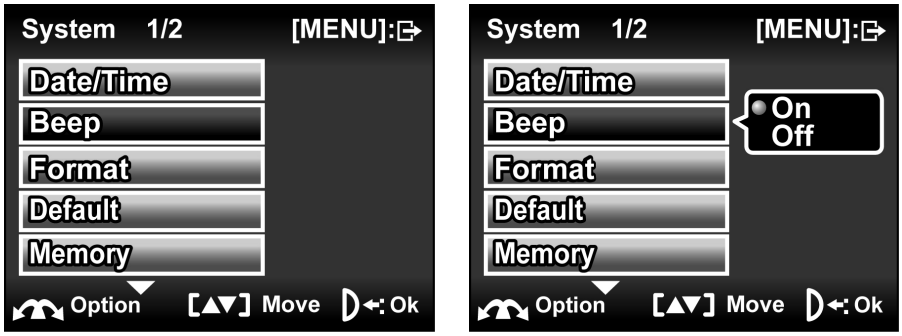
The setup menu can be accessed from any camera mode and is used to configure the miscellaneous camera functions.

4.6.1 Date/time

See section 2.6.1 “Setting the date and time”.

4.6.2 Beep

1. Turn the camera on, and press the **MENU** button to display the menu screen.
2. Move the scroll wheel to show the **System** menu and use the **Up/Down** arrow keys to highlight the **Beep** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to turn the sound on/off, and press the **OK** button to confirm.

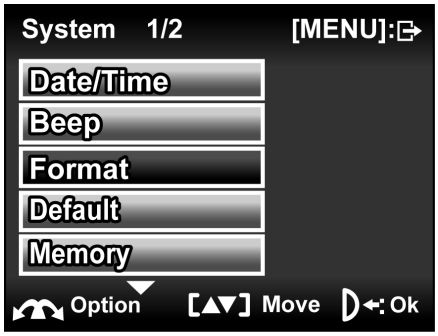


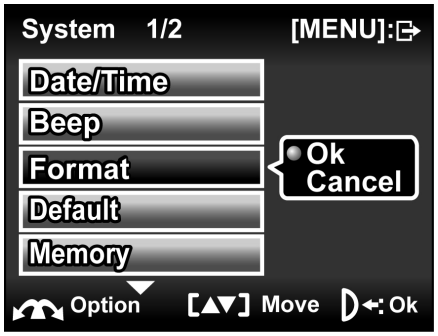
4. Press the **MENU button** again to exit the menu.

4.6.3 Format

Use this function to format the current storage media. This format action will delete everything on the media.

1. Turn the camera on, and press the MENU button to display the menu screen.
2. Move the scroll wheel to show the System menu and press the **Up/Down** arrow keys to highlight the Format option. Press the OK button to display the submenu.
3. Use the **Up/Down** arrow keys to select OK or Cancel, and press the OK button to confirm.



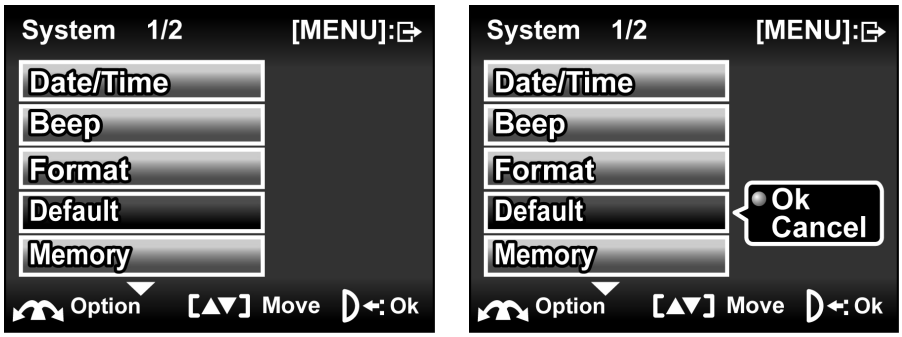


- If you select **OK**, the formatting starts and returns to the present operation mode after the process is complete.
- If you select **Cancel**, it will return to the present operation mode. Press the **MENU** button again to exit the menu.

4.6.4 Default

Use this option to reset all settings to the default settings.

1. Turn the camera on, and press the **MENU** button to display the menu screen.
2. Move the scroll wheel to show the **System** menu and press the **Up/Down** arrow keys to highlight the **Default** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys select **OK** or **Cancel**, and press the **OK** button to confirm.

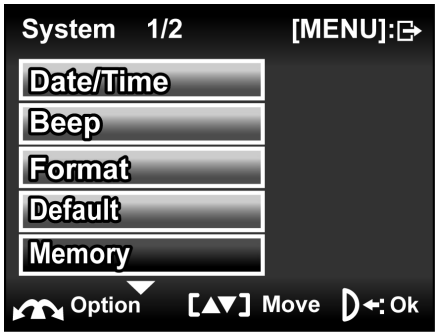


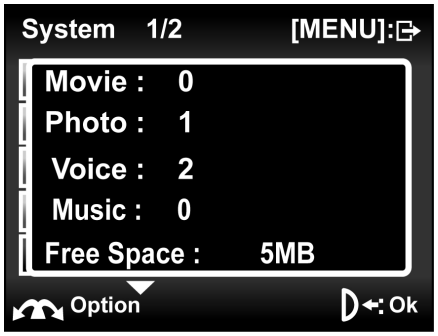
4. Press the **MENU** button again to exit the menu.

4.6.5 Memory

This function displays the memory status and the number of movie, photo, voice, and MP3 files saved in the video camera.

1. Turn the camera on, and press the **MENU** button to display the menu screen.
2. Move the scroll wheel to show the **System** menu and press the **Up/Down** arrow keys to highlight the **Memory** option. Press the **OK** button to confirm.
3. The number of files saved and the free memory space are displayed on the screen. Press the **OK** button to exit.





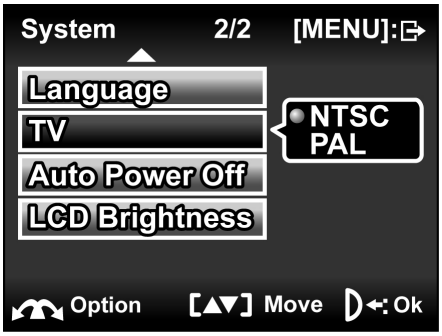
4. Press the **MENU** button to exit the menu.

4.6.6 Language

Please refer to section 2.6.2“Setting the language”

4.6.7 TV

1. Use the TV option to set the TV system for the area.
2. Turn the camera on, and press the **MENU** button to display the menu screen.
3. Move the scroll wheel to show the **System** menu and press the **Down** arrow key down to the second page to highlight the **TV** option. Press the **OK** button to display the submenu.
4. Use the **Up/Down** arrow keys to select **PAL** or **NTSC**, and press the **OK** button to confirm.

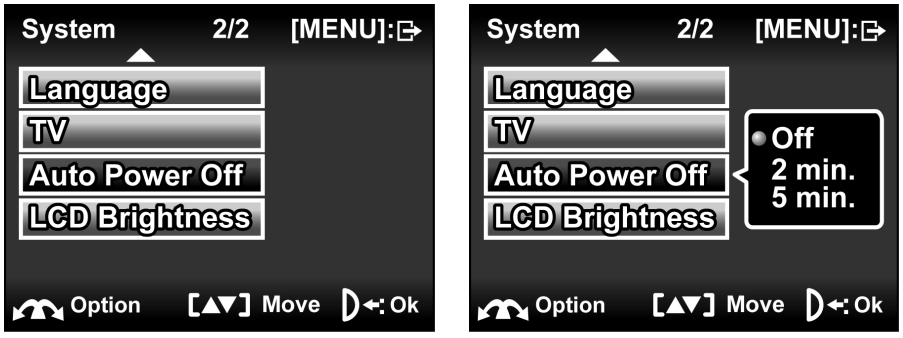


5. Press the **MENU** button again to exit the menu.

4.6.8 Power saving

Use this function to switch the camera off automatically after a period of inactivity for power saving.

1. Turn the camera on, and press the **MENU** button to display the menu screen.
2. Move the scroll wheel to show the **System** menu and press the **Up/Down** arrow keys down to the second page to highlight the **Auto Power Off** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to select **Off**, **2 minutes**, or **5 minutes.** Press the **OK** button to confirm.

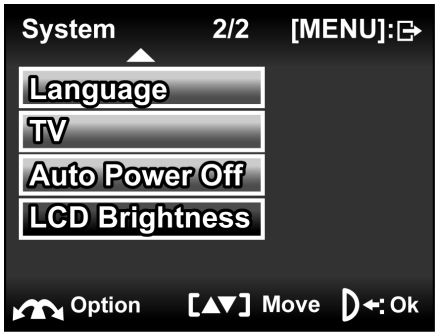


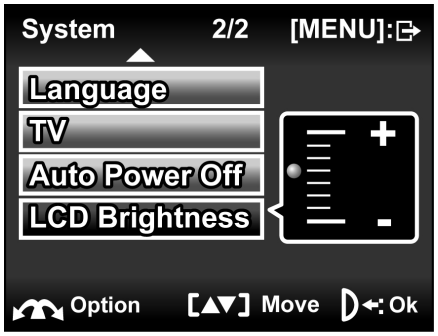
4. Press the **MENU** button again to exit the menu.

4.6.9 LCD brightness

Use this function to adjust the brightness of the video camera's LCD screen. You can do this by pressing the **Up/Down** arrow keys in **Photo** mode and **Video** mode.

1. Turn the camera on, and press the **MENU** button to display the menu screen.
2. Move the scroll wheel to show the **System** menu and press the **Up/Down** arrow keys down to the second page to highlight the **LCD Brightness** option. Press the **OK** button to display the submenu.
3. Use the **Up/Down** arrow keys to adjust the LCD brightness. Press the **OK** button to confirm.





4. Press the **MENU** button again to exit the menu.

5 Installing software and drivers

Read this section to learn how to install drivers and software for the camera.

5.1 Drivers

You can use the “Mass Storage” functions of the camera on the PC.

5.1.1 Mass Storage

The digital camera offers Mass Storage function as a card reader device. You can treat this digital camera as an SD device

You will only need to install a driver for the camera if your operating system is Windows 98SE. Windows XP/ME/2000 are plug and play operating systems and do not require a driver to be manually loaded.

When the driver has been installed and the camera is connected, the camera memory and any installed mini SD card will appear as Mass Storage in Windows Explorer. Files can be dragged and dropped in the same way as with an ordinary disk.

To install the driver, do the following:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.

   The following screen is displayed.
3. Click **"Driver"** to start installation.
4. Follow the on-screen instructions.
5. Click **Finish** to restart the computer and the video camera driver installation is complete.

5.2 Presto! Video Works 6

Presto! Video Works 6 is an advanced software application for editing video.

To install Presto! Video Works 6:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.

   The following screen is displayed.
3. Click **"VIdeoWorks"** button to begin the installation and process follow the instructions on-screen.

More information about Presto! Video Works 6 can be found in the help files when the application is started.

5.3 Presto! Mr. Photo 3

Presto! Mr. Photo 3 is an advanced photo editing software application.

To install Presto! Mr. Photo 3:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.

   The following screen is displayed.
3. Click **"Mr. Photo"** to begin the installation process and follow the instructions on-screen.

More information about Presto! Mr. Photo 3 can be found in the help files when the application is started.

5.4 XviD codec for PC

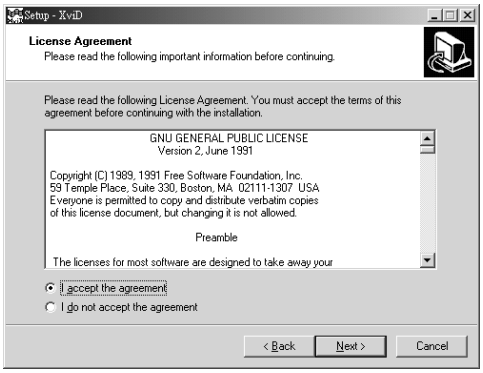
Installing the XviD codec program

1. Insert the Software CD provided into the CD-ROM drive.

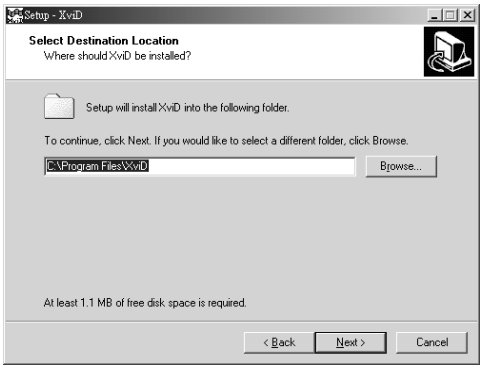
5. Double click the **My Computer** icon on the desktop. Then double click the CD-ROM drive icon and then click the setup file of Xvid in the root directory.
6. Click **XviD.exe** to start the installation. The setup screen appears. Click **Next** to continue.

Setup - XviD
Welcome to the XviD Setup Wizard
This will install XviD MPEG-4 Video Codec on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

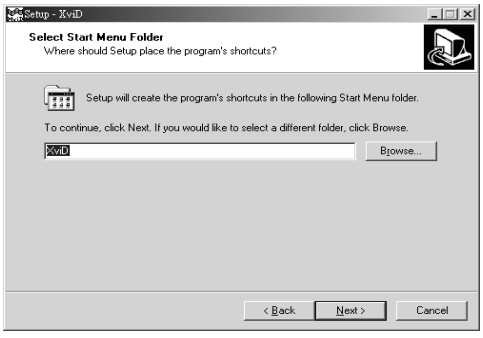
7. Click **I accept the agreement** to accept the conditions of Software License Agreement and click **Next** to continue.


Setup - XviD
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

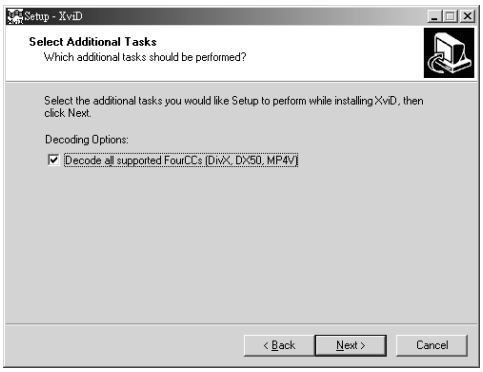
8. Click **Browse** to select the folder location and click **Next** to continue.


Setup - XviD
Select Destination Location
Where should XviD be installed?
Setup will install XviD into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\XviD
Browse...
At least 1.1 MB of free disk space is required.
< Back
Next >
Cancel

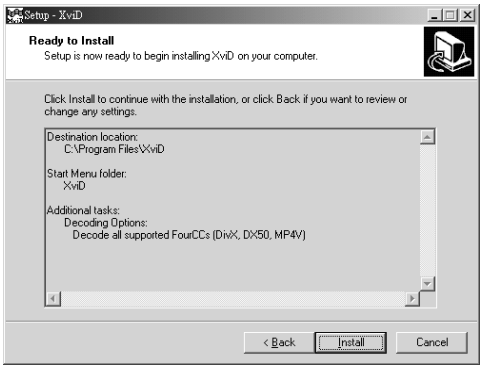
9. Click **Browse** to select a different program folder or click **Next** to continue.


Setup - XviD
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
XviD
Browse...
< Back
Next >
Cancel

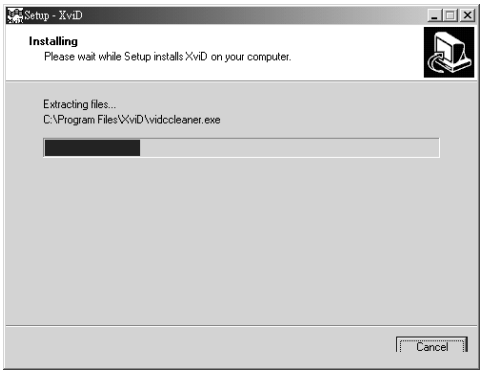
10. Click **Next to** continue from the additional tasks setup screen.


Setup - XviD
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing XviD, then click Next.
Decoding Options:
Decode all supported FourCCs (DivX, DX50, MP4V)
< Back
Next >
Cancel

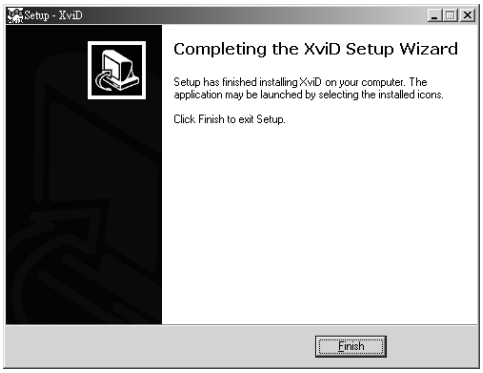
11. Press **Install** to continue from the main program setup screen.


Setup - XviD
Ready to Install
Setup is now ready to begin installing XviD on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\XviD
Start Menu folder:
XviD
Additional tasks:
Decoding Options:
Decode all supported FourCCs (DivX, DX50, MP4V)
< Back
Install
Cancel

12. Press **Cancel** if you want to stop setup during installation.



13. The following screen will appear after the installation is completed. Click **Finish** to complete the installation.


Setup - XviD
Completing the XviD Setup Wizard
Setup has finished installing XviD on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

Appendix

Specifications

General	
Imaging sensor	2.5" Sony 4.1 Megapixel CCD sensor
Active pixels	4.0 Megapixel
Storage media	Built-in 32 MB Flash memory SD/MMC card (32/64/128/256/512 MB/1GB compatible)
Sensor sensitivity	Auto
Lens	3X optical zoom lens Wide: F/2.8~7.5, f=6.0mm Tele: F/4.7,~12.5, f=16.9 mm
Focus range	Normal: 0.2m-infinity
Still image	Formats: JPEG (EXIF), DCF, DPOF, Direct Print (DPS) Resolution: VGA, 2M, 4M, 8M (Firmware interpolation) Quality: Fine, Normal

General	
Movie clips	MPEG-4 (AVI, ASF, MOV) 640 x 480 pixels, 30 fps/320 x 240 pixels, 30 fps
Audio	Support music audio format
Zoom	3x optical zoom Movie: 10x digital zoom Camera: 4x digital zoom
TFT Monitor	2.5" LTPS high resolution (960 x 240 pixels)
Flash	1.0~2.0m range Auto/ Off/ Auto with Red Eye Reduction/ Forced/ Slow Sync
White balance	Auto/ Sunny/ Cloudy/ Tungsten/ Fluorescent
EV compensation	-2.0 EV~+2.0 EV (in 0.3 EV steps)
Self timer	Off, 10, 20 seconds (user definable)
PC interface	USB 2.0
TV out format	NTSC/PAL
Shutter	Mechanical and electronic shutter 2~1/1000 second

General	
Auto power off	Off, 2, 5 minutes (user definable)
Power supply	One 1700mAh rechargeable Li-ion battery
Dimension	130 (L) x 57 (W) x 70 (H) mm
Weight	355 +/- 5g (without battery)